

Application No. 09/758,002
Response to Office Action

Customer No. 01933

Amendments to the Specification:

Please amend the paragraph at page 1, line 12 to page 2,
line 7 as follows:

The image-reading apparatus, serving as an independent scanner or incorporated in a facsimile, a copier, etc., has been used for reading an image formed on a document, such as a paper, a film, etc., to output electronic signals of the image. Image-reading ~~apparatus~~ apparatuses having an image-reading mechanism, in which exposing light ~~are~~ is irradiated onto the document to read the image by detecting light reflected from the objective image, have been widely proliferated in the market. In the independent scanner, the digital data read from the image are stored, to make it possible to edit or reuse them, while in the copier, a reproduced image is formed on a new paper, film, etc., based on the digital data read from the image.

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Please amend the paragraph at page 6, line 15 to page 7,
line 2 as follows:

In the present invention, with regard to the ~~condition~~
~~of the sentence~~ requirement that "substantially none of the
exposing light leaks outside", it may be most preferable ~~to~~
~~be a condition~~ that the light perfectly does not ~~leaks~~ leak
outside. However, ~~it may be include~~ this requirement
includes a condition ~~that in which~~ weak light slightly leaks
outside. More concretely, in the slightly leaking condition,
~~on the condition that when~~ the automatic document feeder is
opened, ~~when~~ and an image on a document placed on the
static-document reading section is read, the luminous
intensity measured through the dynamic-document reading
section is not higher than 5000 (lx), and preferably is not
higher than 1000 (lx).

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Please amend the paragraph at page 16, line 7 to page 17,
line 9 as follows:

Light source mechanism 8, comprising reading lamp 12 and mirrors 14, moves along the longitudinal direction of platen glass 6 to transmit the light reflected from the document to optoelectronic-converting device 16, such as a CCD (Charge Coupled Device), etc., for reading the image on the document. Then, optoelectronic-converting device 16 converts the reflected light including the image information to electronic signals, which are further transmitted to image-forming section 24, etc., through controlling section 22. Sensor 18, serving as a light source position detecting means for detecting light source mechanism 8, is disposed at such a position that, when sensor ~~48~~ 18 detects light source mechanism 8, the exposing light emitted from reading lamp 12 does not leak outside from window 9 even if lamp 12 is activated. Incidentally, although it is most desirable that the exposing light does not at all leak outside, it is allowable that a small amount of weak light leaks outside, since such a weak light does not harm human eyes so much,

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even if a weak light enters into operator's eyes. In this case, it is possible to make window 9 approach platen glass 6, resulting in a minimization of the apparatus. Further, concretely speaking, sensor 18 is disposed at such a position that an illumination intensity measured through window 9 is lower than 5000 lx (desirably, lower than 1000 lx), when reading the image of the document put stationary on platen glass 6 in the state of opening automatic document feeder 7 upward.

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Please amend the abstract on page 41 as follows:

An image-reading apparatus for reading an image formed on a document, ~~comprises~~ is provided which includes an automatic document feeder, ~~[[;]]~~ a dynamic-document reading section, ~~[[;]]~~ a static-document reading section, and ~~[[;]]~~ a document-covering member. ~~[[; a]]~~ A light source mechanism ~~for irradiating~~ irradiates an exposing light onto the document at either the dynamic-document reading section or the static-document reading section, ~~an image capturing element; and a controller. The automatic document feeder is opened with regard to the dynamic document reading section. When the automatic document feeder is opened with regard to the dynamic-document reading section and the~~ a stationary document is ~~put stationary~~ placed on the static-document reading section to read the image formed on the document, ~~the~~ a controller controls the light source mechanism so that substantially none of the exposing light emitted from the light source mechanism ~~leak~~ leaks outside through the dynamic-document reading section.